



# Temperature & Pressure Data Logger EBI 12

for routine control and process validation in steam sterilizers, washer disinfectors

## RED LINE

## EBI 12-TP237

The EBI 12 data logger is distinguished by its fast response time and simple connectivity.

- Hose connection and M10x1 internal thread
- External temperature sensor Ø1.95 mm, rigid, axial

### Technical Data:

Operating temperature	0 °C ... +140 °C
Measurement range	0 °C ... +140 °C
Accuracy: temperature	± 0.1 °C
Accuracy: pressure	± 20 mbar
Resolution: temperature	0.01 °C
Resolution: pressure	1 mbar
Data memory	2x 33,440 measurements
Sensor: temperature	PT1000, class A
Sensor: pressure	Piezoresistive pressure sensor
Measurement interval	250 ms ... 24 hours
Real-time data transmission	Yes
Storage temperature	-20 °C ... +70 °C
Measurement modes	<ul style="list-style-type: none"> <li>• endless measurement</li> <li>• Measure upon starttime</li> <li>• Start immediately until end of memory</li> <li>• Start- / Stop measurement</li> </ul>
Battery	Lithium, 3.6 V, User-replaceable
Dimensions	(Ø x H) 48 mm x 24 mm
Weight	app. 90 g
Housing material	316 L stainless steel / PEEK
Protection class	IP68
Factory Calibration Certificate	0 °C, +60 °C and +134 °C 100 mbar and 3,100 mbar (at +25 °C) 3,100 mbar (at +134 °C)



### Standards and Directives:

- (EC) 1935/2004  
Materials and articles which come into contact with food
- ISO 17665  
Sterilization of health care products — Moist heat
- ISO 15883  
Washer Disinfectors
- 2014/53/EU  
Radio Equipment Directive - RED

Type	Description	Part-No.
EBI 12-TP237	L = 20 mm, Hose connection	1340-6658